

ABSTRACT OF THE DISCLOSURE

A compensation circuit for an amplifier with at least first and second amplifier stages comprises a first capacitance having one end that communicates with an input of the first amplifier stage. A broadband amplifier has a first gain, an input that communicates with an opposite end of the first capacitance, and an output. A second capacitance has a first end that communicates with the output of the broadband amplifier and an opposite end that communicates with an input of the second amplifier stage. An optional broadband buffer has an input that communicates with the output of the broadband amplifier and an output that communicates with the one end of the second capacitance.